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PTO/SB/05 (4/98)  
 Approved for use through 09/30/2000. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. CISCO-1254

First Inventor or Application Identifier Zhanhe Shi et al.

Title Apparatus and Method for Rate-Based...

Express Mail Label No. EL100016935

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

 Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, DC 20231

 1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
 (Submit an original and a duplicate for fee processing)

 2. ☒ Specification (Total Pages 36)  
 (preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

 3. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 8)

4. Oath or Declaration (Total Pages 1)

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.83(d))  
 (for continuation/divisional with Box 16 completed)

 c. ☐ DELETION OF INVENTOR(S)  
 Signed statement attached deleting  
 inventor(s) named in the prior application,  
 see 37 C.F.R. §§ 1.83(d)(2) and 1.33(b).

 NOTE: FOR ITSMER, IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
 FEES, A SMALL ENTITY STATEMENT IS REQUIRED AT C.F.R. § 1.27, EXCEPT  
 IF ONE FEEL IN A PRIOR APPLICATION IS RELIED UPON AT C.F.R. § 1.20.

- 5. ☐ Microfiche Computer Program (Appendix)
- 6. Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- 7. ☐ Assignment Papers (cover sheet & document(s))
- 8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of  
 (when there is an assignee) ☐ Attorney
- 9. ☐ English Translation Document (if applicable)
- 10. ☐ Information Disclosure ☐ Copies of IDS  
 Statement (IDS)/PTO-1449 ☐ Citations
- 11. ☐ Preliminary Amendment
- 12. ☒ Return Receipt Postcard (MPEP 503)  
 (Should be specifically itemized)
- 13. ☐ Small Entity  
 Statement(s) ☐ Statement filed in prior application,  
 (PTO/SB/05-12) ☐ Status still proper and desired
- 14. ☐ Certified Copy of Priority Document(s)  
 (if foreign priority is claimed)
- 15. ☐ Other: \_\_\_\_\_

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
 under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by  
 reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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Signature		Date	23 MAR 2000

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 Box Patent Application, Washington, DC 20231.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	) Art Unit:
Shi, et al.	) Examiner:
Serial No. [Not yet assigned]	)
Filed: March 23, 2000	)
For: APPARATUS AND METHOD FOR	)
RATE-BASED POLLING OF INPUT	)
INTERFACE QUEUES IN	)
<u>INTERNETWORKING DEVICES</u>	)

**CERTIFICATE OF MAILING**

"Express Mail" mailing label no: EL100016935US

Date of Deposit: March 23, 2000

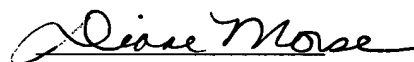
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1.10 on the date indicated above and is addressed to:

Box Patent Application

Assistant Commissioner for Patents

Washington, D.C. 20231



Diane Morse

**TRANSMITTAL LETTER**

Honorable Assistant Commissioner  
for Patents  
Box Patent Application  
Washington, D.C. 20231

Dear Sir:

Enclosed for filing please find the patent application for an invention entitled, "APPARATUS AND METHOD FOR RATE-BASED POLLING OF INPUT INTERFACE QUEUES IN INTERNETWORKING DEVICES", filed on behalf of Cisco Technology, Inc., assignee from inventors Zhanhe Shi, Qingming Ma, Saravanan Agasaveeran, and Steven Berl, including Utility Patent Application Transmittal, 25 pages of specification, 10 pages of claims, 8 sheets of drawing figures, and 1 page of Abstract.

The attorney's Docket Number is CISCO-1254.

Kindly address all communications regarding this application to:

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P.O. Box 640640  
San Jose, CA 95164-0640  
Telephone (408) 441-1100

No fee is being paid at this time.

Respectfully submitted,  
D'ALESSANDRO & RITCHIE



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David B. Ritchie  
Reg. No. 31,562

Dated: March 23, 2000

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